

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/01414

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 7	C22B1/00	C22B4/00 H05B6/64 B02C19/18
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 7 C22B H05B B02C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used)		
EPO-Internal, WPI Data, PAJ, COMPENDEX		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 824 133 A (TRANQUILLA JAMES M) 20 October 1998 (1998-10-20) cited in the application	1,18,22
Y	column 1, lines 10-30; column 3, lines 58-60	1-26
Y	----- SALSMAN J B ET AL: "Short-pulse microwave treatment of disseminated sulfide ores" MINERALS ENG; MINERALS ENGINEERING JAN 1996 PERGAMON PRESS INC, TARRYTOWN, NY, USA, vol. 9, no. 1, January 1996 (1996-01), pages 43-54, XP002247205 cited in the application Introduction; page 48; figures 2 and 5 ----- -/--	1-26
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
10 July 2003		29/07/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Bjoerk, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI Section PQ, Week 198810 Derwent Publications Ltd., London, GB; Class P41, AN 1988-069337 XP002247206 - & SU 1 326 334 A (AS UKR GEOTECH MECH INST CONS BUR), 30 July 1987 (1987-07-30) figure abstract</p>	22, 24
X	<p>----- PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09, 30 September 1996 (1996-09-30) - & JP 08 119697 A (OHYASHI CORP), 14 May 1996 (1996-05-14) abstract</p>	24
A	<p>----- WALKIEWICZ J W ET AL: "MICROWAVE-ASSISTED GRINDING", IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, IEEE INC. NEW YORK, US, VOL. 27, NR. 2, PAGE(S) 239-242 XP000227806 ISSN: 0093-9994</p>	
A	<p>----- US 4 313 573 A (GOLDBERGER WILLIAM M ET AL) 2 February 1982 (1982-02-02) -----</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter national Application No

PCT/GB 03/01414

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